

Title (en)
METHOD FOR DEVELOPING ORGAN LACKING SPECIFIC FUNCTIONAL CELL

Title (de)
VERFAHREN ZUR ENTWICKLUNG EINES ORGANS, DEM EINE SPEZIFISCHE FUNKTIONSZELLE FEHLT

Title (fr)
PROCÉDÉ DE DÉVELOPPEMENT D'ORGANE DÉPOURVU DE CELLULE FONCTIONNELLE SPÉCIFIQUE

Publication
EP 3685661 A4 20210519 (EN)

Application
EP 18858805 A 20180918

Priority
• JP 2017178552 A 20170919
• JP 2018034390 W 20180918

Abstract (en)
[origin: US2020165633A1] Provided is a method for developing a secondary organ by using a non-human animal in which organ formation is inhibited, for the purpose of establishing a process for producing a functional cell such as a β cell within the body of an animal such as a pig, the method including the step of raising a newborn or a fetus of the non-human animal in which organ formation is inhibited by complementing at least a part of the function of the organ whose formation is inhibited.

IPC 8 full level
A01K 67/027 (2006.01); **C12N 5/071** (2010.01); **C12N 15/09** (2006.01); **C12N 15/877** (2010.01)

CPC (source: EP US)
A01K 67/027 (2013.01 - US); **A01K 67/0271** (2013.01 - EP); **A01K 67/0275** (2013.01 - EP US); **C12N 15/8778** (2013.01 - EP US);
A01K 2207/10 (2013.01 - EP); **A01K 2207/12** (2013.01 - EP); **A01K 2217/054** (2013.01 - EP); **A01K 2227/108** (2013.01 - EP US);
A01K 2267/025 (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
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US 11172657 B2 20211116; **US 2020165633 A1 20200528**; EP 3685661 A1 20200729; EP 3685661 A4 20210519; JP 2019054790 A 20190411; JP 2019062929 A 20190425; JP 6479246 B1 20190306; SG 11202002118X A 20200429; TW 201920655 A 20190601; US 2022022433 A1 20220127; WO 2019059158 A1 20190328

DOCDB simple family (application)
US 201816638440 A 20180918; EP 18858805 A 20180918; JP 2018034390 W 20180918; JP 2018173749 A 20180918; JP 2019018434 A 20190205; SG 11202002118X A 20180918; TW 107132926 A 20180919; US 202117495087 A 20211006